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This form is used as a uniform report for the insider reporting requirements under all provincial securities Acts. The terminology used is generic to accommodate the various Acts.			
The undersigned certifies that the information given in this report is true and complete in every respect. It is an offence to submit information that, in a material respect and at the lime and in the light of the circumstances in which it is submitted, is misleading or untrue. BOX 7. SIGNATURE	plete in every respect. It is an offence ng or untrue.	to submit information that, in a material respect and at	
KEEP A COPY FOR YOUR FILE NAME (BLOCK LETTERS) SIGNATURE			Γ,
OSC 55-102F6 Rev. 2002 / 2 / 8 VERSION FRANTAISE DISPONIBLE SUR DEMANDE	4	DATE OF THIS REPORT 18 108 103	~ ~

INSTRUCTIONS

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BOX 5 Insider holdings and changes
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For an initial report complete only:

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present balance of class of securities held

nature of ownership (see List of Codes)

identification of the registered holder where ownership is not direct

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List of Codes

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BOX 5 🖪 Nature of transaction

General Aquisition or disposition in the public market Acquisition or disposition carried out privately Acquisition or disposition under a prospectus Acquisition or disposition under a prospectus exemption Acquisition or disposition pusuant to a take-over bid, merger or acquisition Acquisition or disposition under a purchase/ownership plan Stock dividend Conversion or exchange Stock solit or consolidation Redemption/retraction/cancellation/repurchase Short sale Compensation for property Compensation for services Acquisition or disposition by gift Acquisition by inheritance or disposition by bequest Issuer Derivatives Grant of options Exercise of options Expiration of options Grant of warrants Exercise of warrants

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Acquisition or disposition (writing) of third party derivative Exercise of third party derivative Other settlement of third party derivative Expiration of third party derivative

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Add any explanation necessary to make the report clearly understandable.

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File one copy of each of the report in each jurisdiction in which the issuer is reporting within the time limits prescribed by the applicable laws of that jurisdiction.

Manually sign the report.

Legibly print or type the name of each individual signing the report.

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Alberta Securities Commission 4th Floor, 300 - 4th Avenue S.W. Calgary, AB, T2P 3C4 Attention: Information Officer * Telephone: (403) 297-6454 Facsimile: (403) 297-6156

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Winnipeg, MB, R3C 3L6
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Ontario Securities Commission Suite 1903, Box 55, 20 Queen Street West Toronto, ON, M5H 3S8 Attention: FOI Coordinator

Telephone: (416) 593-8314 Facsimile: (416) 593-3668 Commission des valeurs mobilieres du Québec **

Stock Exchange Tower P.O. Box 246, 22nd Floor 800 Victoria Square Montreal, PQ, H4Z 1G3

Attention: Responsible de l'accfis B l'information

Telephone: (514) 940-2150 or (800) 361-5072 (in Qu9bec)

Facsimile: (514) 873-3120

Saskatchewan Securities Commission 800 – 1920 Broad Street Regina, SK, S4P 3V7 Attention: Director Telephone: (306) 787-5645 Facsimile: (306) 787-5899

For questions about the collection and use of personal information

in Qu9bec questions about the collection and use of personal information may also be addressed to the Commission d'acclis B l'information du Qu9bec (1-888-528-7741)

FORM 55-102F6 [NSIDER REPORT (See instructions on the back of this report)	Notice – Collection and Use of Personal Information. The personal information required under this form is collected on behalf of and used by the securities set out below for purposes of the administration and enforcement of certain provisions of the securities regulation in mistins formation will be made public pursuant to the securities legislation in each of the jurisdictions indicated above. Other required information will be made public pursuant to the securities legislation in each of the jurisdictions indicated above. Other required information will make a securities regulatory authorities or their authorized representatives If you have any questions about the collection and use of this information, you may contact the securities regulatory authorities or their authorized representatives If you have any questions about the back of this information, you may contact the securities regulated authority in any jurisdiction(s) in which the required information is filed, at the address(es) or telephone number(s) set out on the back of this report.	onal Information. The personal information required under this form is collected on behalf of and used by the certain provisions of the securities legislation in British Columbia, Alberta, Saskatchewan, Mahiribba, Onlario, It to the securities legislation in each of the jurisdictions indicated above. Other required information will rems is regulatory authorities or their authorized representatives If you have any questions about the collection and the required information is filed, at the address(es) or telephone number(s) set out on the back of this report.	nation required under thi islation in British Columb of the jurisdictions indica ized representatives If y address(es) or telephor	s form is collected on be ia. Alberta. Saskatchew ted above. Other require ou have any questions a ie number(s) set out on	ation. The personal information required under this form is collected on behalf of and used by the securities regulatory authorities set out below for purposes of sistens of the securities legislation in Braits Columbia. Alberd, asskatchewan, Manitoba, Ontario, Dubbbe, Nowa Sooila and Newfoundard, Some of the required undersolved in the median confidential and will not be disclosed to any person or authorities or their authorized representatives if you have any questions about the collection and use of this information, you may contact the securities regulatory information is filed, at the address(es) or telephone number(s) set out on the back of this report.	s regulatory authorities s Nova Scotia and Newfou antial and will not be discl s information, you may co	tout below for purposes of dand. Some of the required Ssed to any person or infact the securities regulatory
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		The undersigned certifies that the information given in this report is true and complete in every respect. It is an offence to submit information that, in a material respect and at the time and in the light of the circumstances in which it is submitted, is misleading or unitue.	7. SIGNATURE	
ATTACHMENT JYES (ALVO	This form is used as a uniform report for the insider reporting requirements under all provincial securities Acts. The terminology used is generic to accommodate the various Acts.	CORRESPONDENCE THE ENGLISH FRENCH THE UND TH	BOX 7.	KEEP A COPY FOR YOUR FILE

BOX 6. REMARKS

ATTACHMENT

OSC 55-102F6 Rev. 2002 / 2 / 8 VERSION FRANTAISE DISPONIBLE SUR DEMANDE

ALBERT W. ATPUAH |

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Acquisition by inheritance or disposition by bequest Issuer Derivatives Grant of options

50 Exercise of options 51 Expiration of options 52 Grant of warrants Exercise of warrants 54 55 Exciration of warrants 56 Grant of rights Exercise of rights 57 58 Expiration of rights

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Change in nature of ownership

Other

Sign and date the repo

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FORM 55-102F6 INSIDER REPORT

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16 22 30 35 36 37 38 40 45 46 47 Redemption/retraction/cancellation/repurchase Short sale Compensation for property Compensation for services Acquisition or disposition by gift Acquisition by inheritance or disposition by bequest 48 Issuer Derivatives Grant of options 50 Exercise of options 51 52

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Securities Commission of Newfoundland P.O. Box 8700, 2nd Floor West Block Confederation Building St. John's, NFLD, A1B 4J6 Attention: Director of Securities * Telephone: (709) 729-4189 Facsimile: (709) 729-6187

Nova Scotia Securities Commission 2nd Floor, Joseph Howe Building 1690 Hollis Street, P.O. Box 458 Halifax, NS, B3J 3J9 Attention: FOI Officer *
Telephone: (902) 424-7768
Facsimile: (902) 424-4625

Ontario Securities Commission Suite 1903, Box 55, 20 Queen Street West Toronto, ON, M5H 3S8

Attention: FOI Coordinator Telephone: (416) 593-8314 Facsimile: (416) 593-3666

Commission des valeurs mobilieres du Québec ** Stock Exchange Tower

P.O. Box 246, 22nd Floor 800 Victoria Square Montreal, PQ, H4Z 1G3

Attention: Responsible de l'accfis B l'information Telephone: (514) 940-2150 or

(800) 361-5072 (in Qu9bec)

Facsimile: (514) 873-3120

Saskatchewan Securities Commission 800 - 1920 Broad Street Regina, SK, S4P 3V7 Attention: Director

Telephone: (306) 787-5645 Facsimile: (306) 787-5899

For questions about the collection and use of personal information

in Qu9bec questions about the collection and use of personal information may also be addressed to the Commission d'acc∏s B l'information du Qu9bec (1-888-528-7741)